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<p>(21) International Application Number: <b>PCT/US92/09091</b></p> <p>(22) International Filing Date: <b>27 October 1992 (27.10.92)</b></p> <p>(30) Priority data:              07/811,350                      20 December 1991 (20.12.91)    US              07/839,207                      27 March 1992 (27.03.92)        US</p> <p>(60) Parent Application or Grant              (63) Related by Continuation                  US                                      07/839,207 (CIP)                  Filed on                                27 March 1992 (27.03.92)</p> <p>(71) Applicant (for all designated States except US): <b>THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Abbott Road, Midland, MI 48640 (US).</b></p>	<p>(72) Inventors; and          (75) Inventors/Applicants (for US only): <b>SWARTZMILLER, Steven, B. [US/US]; 2901 Valorie Lane, Midland, MI 48640 (US). DONALD, Robert, J. [US/US]; 5503 Winchester Court, Midland, MI 48640 (US). BONEKAMP, Jeffrey, E. [US/US]; 2901 Braley Court, Midland, MI 48640 (US).</b></p> <p>(74) Agent: <b>DELINE, Douglas, N.; The Dow Chemical Company, Patent Department, P.O. Box 1967, Midland, MI 48641-1967 (US).</b></p> <p>(81) Designated States: <b>AU, CA, JP, KR, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE).</b></p> <p><b>Published</b>  <i>With international search report.</i></p>	
(54) Title: <b>THERMOFORMABLE, CHEMICAL RESISTANT POLYMER BLENDS</b>		
<p>(57) Abstract</p> <p>A thermoformable chemical resistant polymer blend, useful in the preparation of refrigerator and freezer liners comprising: A) from 45 to 70 parts by weight impact modified monovinylidene aromatic polymer, comprising from 1 to 25 weight percent of a rubber and 75 to 99 weight percent of a monovinylidene aromatic polymer matrix having a molecular weight (M<sub>w</sub>) from 50,000 to 400,000, said weight percents being based on the total weight of said impact modified, vinylaromatic polymer; B) from 15 to 40 parts by weight of an olefin polymer, selected from the group consisting of homopolymers of ethylene or propylene and copolymers of ethylene with one or more C<sub>4</sub>-α-olefins; and C) from 5 to 25 parts by weight of a compatibilizing polymer, adapted to increase interfacial adhesion between components A) and B), components A) and B) or components A), B) and C) existing in said blend as co-continuous phases, and the sum of A), B) and C) being 100 parts.</p>		

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